

Nathan Glover

Technology Enthusiast



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Career

Hardware Systems Design & Development SME

August 2017 – Current
BHP (Perth, Western Australia)

Working as an energetic member of the Digital Tribe, I work with a variety of people with a diverse backgrounds on big problems as we drive a Digital Transformation within the Decision automation space. More recently I've moved into a DevOp support role where I ensure that Cloud deployments for various services are standardized and automated (using tools like CloudFormation and Terraform).

Selected accomplishments:

- Accustomed to an agile deliver, and adding value through software and hardware sprints
- Embedded software and hardware design and implementation
- Continuous integration across infrastructure and software pipelines.
- AWS orchastration of developer workflows through the targeted usage of AWS Cloudformation & Terraform.

Technical competencies: Cloudformation CodeBuild / GoCD Docker Kubernetes
ReactJS Springboot

Software/Network Engineer (Intern)

February 2017 – August 2017
Cisco IoE Innovation Centre (Perth, Western Australia)

Worked as a motivated team member on Software/Network engineering projects exposing myself to the design process of platforms and systems in the emerging IoT space. I worked alongside a team of developers and on a number of software and hardware development projects.

Selected accomplishments:

- Design dynamic and flexible frontends with Python web frameworks (Flask & Django).
- Network hardware design and configuration.
- Container deployment and management on a broad range of architectures.
- Mobile application development using typical package/build management methods (Gradle, Maven)
- Concise workflow documentation

Technical competencies: Python Flask Javascript / Bootstrap Cisco IOS RPI / IoT
Docker Jenkins Nagios

Network and System Administrator

December 2014 – November 2016
Galati Group (Perth, Western Australia)

Worked as part of a motivated IT Team, servicing and managing 15+ sites across WA. Regular tasks included maintaining backup systems, improving DR solutions, researching and investigating new technologies and managing a variety of server platforms and POS systems. I worked directly on a number of Infrastructure projects that had me assist in the design and implementation of a large upgrade to our existing core business systems. I managed the majority of service request that came through that requiring changes to be made to our virtualization platform and storage cluster.

Selected accomplishments:

- Administration and Installation of 300+ Windows Desktop/Server based systems.
- Thorough documentation of new and current hardware and software processes.
- Experienced at dealing with users on a daily basis for any IT needs.
- POS and EFTPOS installation and management.

- ESXi / vCenter implementation and servicing.
- Veeam & ShadowProtect backup scheduling & maintenance.
- Managing and Administering project documentation.
- Task automation when applicable.
- Responsible for upgrading and managing our support desks ticketing system.

Technical competencies: ESXi / vCenter Redmine Veeam / ShadowProtect N-able
PC-EFTPOS

Support Technician

November 2012 – November 2014
Command IT (Perth, Western Australia)

Design, configure, install and support Networking and Server solutions to a number of Small/Medium businesses across Perth and The Pilbara Region both Remotely and on site. I task myself to troubleshoot, diagnose and resolve any issues that our customers might be having. My role requires me to work and solve issues independently; but also offer my skills and knowledge to the other Technicians in my team.

Selected accomplishments:

- Documentation (Work Instructions, Network topology Diagrams).
- Monitoring and site management for over 70 businesses across Western Australia through SolarWinds N-able Technologies.
- Proper phone etiquette and strong relationships with my clients.
- Design and implementation of Server 2008/2012 solutions in offices ranging from 5-70 users.
- Implementation of Visualized Server solutions.
- Experience with a range of Netgear solutions including UTM's, ReadyNAS/Data, WAP's and Switching.

Technical competencies: Hyper-V ShadowProtect N-able SMB Architecture

Sales

November 2009 – November 2012
EB Games Australia (Perth, Western Australia)

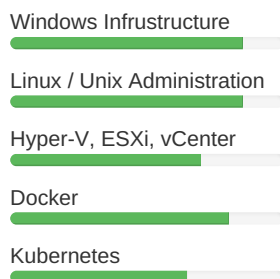
Assisted Customers by providing Trusted and Knowledgeable advice in a retail environment. Developed a strong connection of loyalty and trust from my Customers. Worked in a number of different Branches across Perth and was able to easily pick up tasks and complete my work at a High standard no matter the location.

Selected accomplishments:

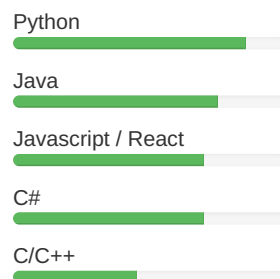
- Stock Management (Stocktake and daily/weekly counts of all Products).
- KPI Tracking and Training for myself and my co-workers.
- Strong, Loyal Customer relationships.
- Managing tasks and time-frames for Co-workers to follow.

Technical skills

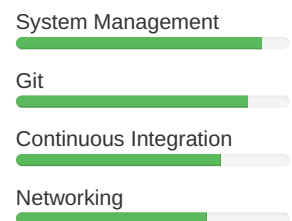
>_ Systems



</> Languages



⚙️ Other



👤 Key competencies:

- **AWS / Cloud Native:** CloudFormation, Kubernetes, Helm, CI/CD
- **Embedded Systems:** MSP430/TI, Arduino, RPi, STM32
- **Web:** Jekyll, Markdown, Flask, Hugo
- **IDE:** CCS, JetBrains, Atom, Visual Studio, VSCode
- **Endpoint Management:** SolarWinds N-Central, Nagios, Ansible
- **Game Development:** Unity3D, Blender, Spine

Side Projects

[DevOpStar](https://devopstar.com/)

<https://devopstar.com/>

DevOps themed blog and education platform I manage to discuss technical solutions to interesting problems I come across

[Technical blog](https://t04glovern.github.io/)

<https://t04glovern.github.io/>

Github pages site that I maintain as my personal blog for information regarding any problems I deal with at work and at home.

[Hand Map](https://handmap.github.io/)

<https://handmap.github.io/>

Github pages site that I use to blog on while I progress through my final year University project on 3D hand scan/mapping.

[Serverless Apps for Social Good 2018](https://devpost.com/software/traffic-cop)

<https://devpost.com/software/traffic-cop>

WiFi Beacon & Client sniffing pipeline for analysing the movements of Human Traffickers.

[Smackathon 2018](https://devpost.com/software/stubber)

<https://devpost.com/software/stubber>

Digitally traceable ticket sales on the Ethereum blockchain. I was a finalist and pitched my solution to a number of high profile judges in Miami (Armando Christian Pérez; aka Pitbull)


[AWS IoT App Challenge 2017](https://devpost.com/software/aws-iot-hackathon)

<https://devpost.com/software/aws-iot-hackathon>


MediSense is a Software/Hardware hybrid, that aims to make medical research highly affordable and available to anyone.

Education

Bachelor of Technology

 Computer Systems and Networking (2014 – 2017)
<http://www.curtin.edu.au/>, Curtin University

Diploma of IT

 Networking (2011 – 2012)
<https://central.wa.edu.au>, eCentral Tafe

Certification

AWS Certified Developer - Associate

 AWS Certified Developer - Associate (2019 – 2022)
Verification Number: [C62D1Q31JF1QNWV](#)